

SCAT VELOCITIES

CLIENT COLUMBIA OIL AND GAS
AREA KOTANEEL
LINE ABD-003
SPs 11-155



FIELD PARAMETERS
SHOT BY FAIRFIELD INDUSTRIES PARTY DATE SEPT/78
RECORDING SYSTEM DFL V SEG B SOURCE DYNAMITE
SPREAD GEOMETRY 220X-220X-5280 No TRACES 48
GROUP INT. 220 FT. SP INT. 440 FT. FOLD 1200 %
SEISMOMETERS PER GROUP 18 AT 12 FOOT INTERVALS
SOURCE GEOMETRY SINGLE HOLE FIELD FILTER 8/124
SOURCE SIZE 50-100 lbs.

900 PACKAGE PROCESSING

PRE-PROCESSING

☐ TRANSLATION TRACK TO 21 TRACK
☐ TRANSCRIPTION ANALOG TO DIGITAL
☐ VERTICAL STACK TO 1
☐ VIBROSEIS CORRELATION SWEEP TO HZ
☐ BINARY GAIN/TRUE AMPLITUDE RECOVERY
☐ NORMAL MOVEOUT
☒ DECONVOLUTION: TYPE: WHITENING 10%
No OPERATORS PER TRACE
DESIGN GATE 800 - 10000
OPERATOR LENGTH 1000 MS

2 CDP GATHER
4 EQUALIZATION
6 VELOCITY ANALYSIS

STATIC CORRECTIONS

☒ DATUM STATICS: TYPE: YES
VELOCITY: 10000 FT/SEC
ELEVATION/DEPTH CORRECTIONS
☒ WEATHERING CORRECTIONS

5 CORRELATION STATICS: No OF GATES 2
☐ FLATTENED AT: MS
☐ OTHER CORRELATION STATICS APPLIED

POST PROCESSING

☐ NORMAL MOVEOUT
☐ FIRST BREAK SUPPRESSION
☐ CDP STACK 12 FOLD
☐ DIGITAL FILTER

8-40HZ 8-25HZ

13 EQUALIZATION

OTHER PROCESSES

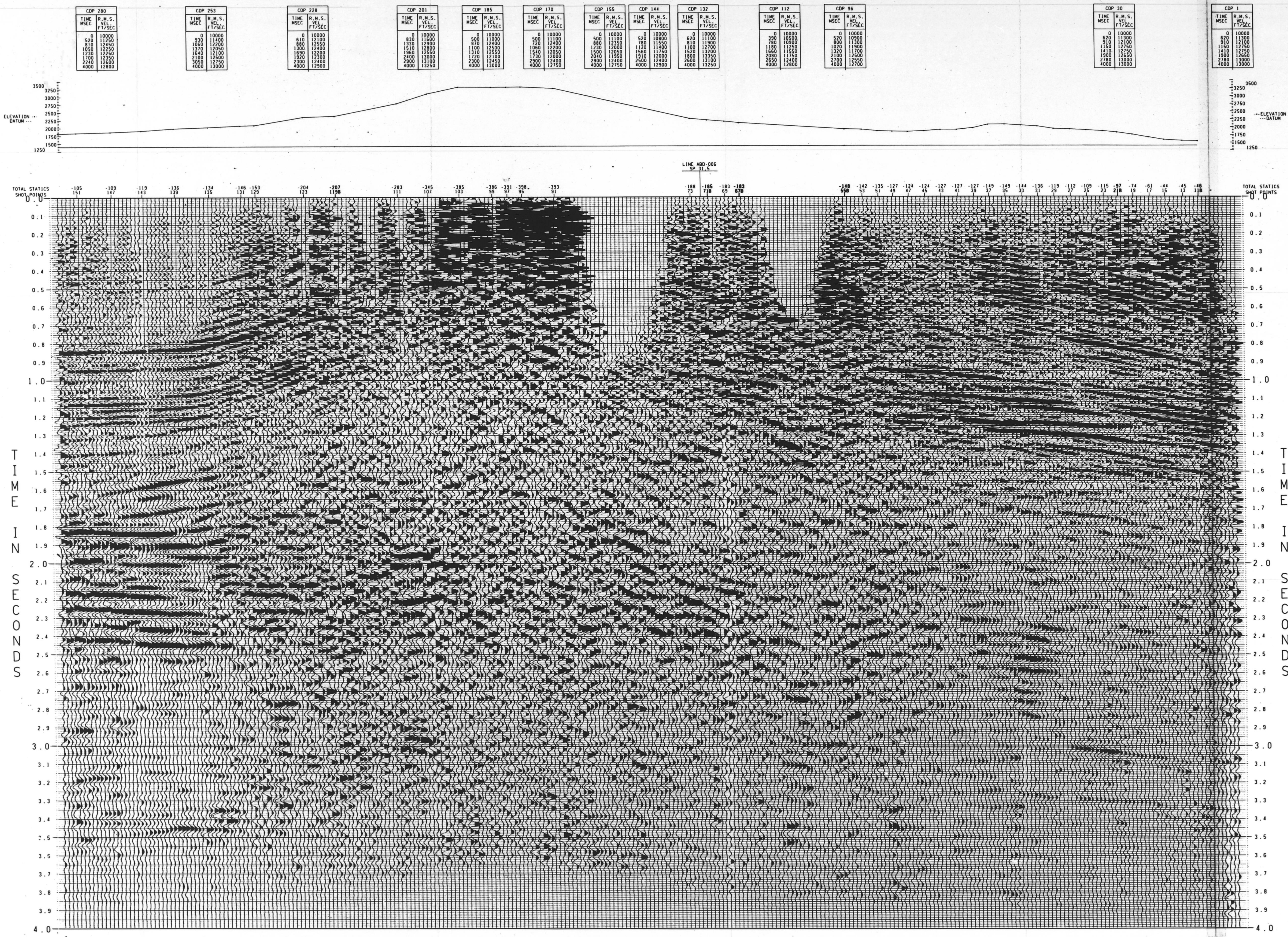
DISPLAY FILTER OUT-OUT GAIN DB

COMMENTS

GEOPHYSICAL SERVICE INCORPORATED
CALGARY ALBERTA

PARTY 4403 PROJECT 133620 DATE DEC/78

SOUTH-EAST



9229-C-85-1E

10/10/78
10/10/78
10/10/78